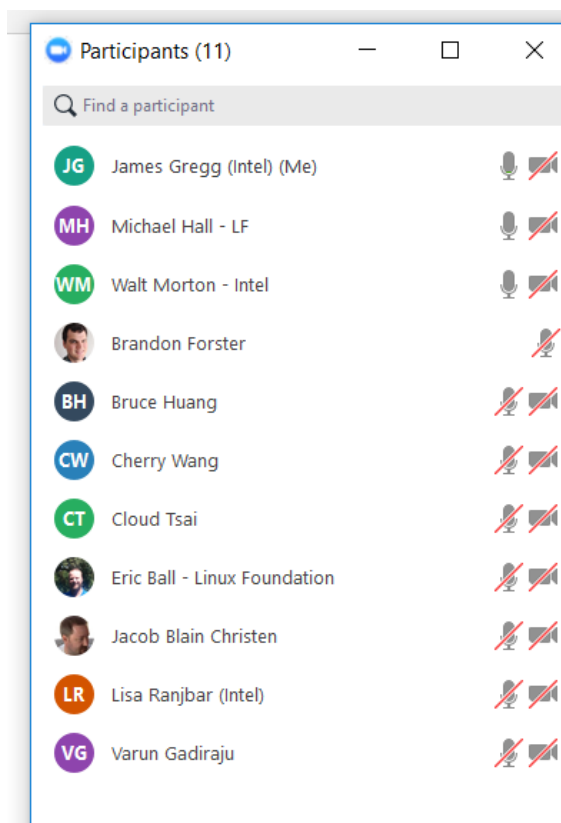


DevOps and QA/Test Working Group Meeting

Thursday, January 24, 2019

Attendees:



Participants (11)

Find a participant

- JG James Gregg (Intel) (Me)
- MH Michael Hall - LF
- WM Walt Morton - Intel
- Brandon Forster
- BH Bruce Huang
- CW Cherry Wang
- CT Cloud Tsai
- Eric Ball - Linux Foundation
- Jacob Blain Christen
- LR Lisa Ranjbar (Intel)
- VG Varun Gadiraju

Agenda

Time	Item	Who
10 min	Work Review	James Gregg
10 min	Code Coverage / Code Quality Tooling	Lisa Rashidi-ranjbar
10 min	TIG Reference Architecture	James Gregg / Cloud Tsai
	Opens / Help Needed	All

DevOps Work Review

Allure Framework Jenkins Plugin installed on build infrastructure - **DONE**

Next steps – configuration of a job to take advantage of the new plugin.

Note: Action item for QA / Test to help identify good candidate so we can configure the job.

Device-sdk-c - WIP

Owner: James Gregg / Eric Ball

- Missing dependencies on the Jenkins build servers (CMAKE)
- Sandbox jobs created to test and ran into issues with additional dependencies
- LF Infra required update to Ansible IAC that installs docker-ce on Ubuntu 18.04 (believed to be related to known issue)
- Gerrit Verify tests PASSED

Job [ci-management-packer-merge-ubuntu-18.04-arm64-docker] fails with message it can't find docker-ce

Device-grove-c - WIP

Owner: Lisa

- Additional scope to create a new template for docker builds that don't require java dependencies (pom.xml files for maven settings)

Device-sdk-go - WIP

Owner: Ernesto

- Enable new job to test new Go-Modules
 - Ernesto / Trevor started working on this story last week and ran into some issues which are now resolved.
 - Ernesto working on job in Jenkins Sandbox
 - PR Merged last night for updated Docker image

Codecov.io / SonarQube - WIP

Owner: Lisa

Automation for Tooling to support code coverage / code quality

Link to presentation: [Codecov.io Discussion](#)

Next week will discuss SonarQube

TIG Reference Architecture:

- Requirements Discussion for EdgeX Jenkins Infrastructure
[TIG Reference Architecture](#)

Developer Guides / Reference:

<https://github.com/IOTechSystems/performance-test>

<https://github.com/IOTechSystems/performance-test/blob/master/docs/Performance%20Test%20Environment%20and%20How%20to%20Develop%20Test%20Script.rst>

Should the Grafana dashboard be served from dedicated LF server?

How long will the data need to be persisted?

Is there a need / goal for monitoring baseline data / historical telemetry data overtime?

Note: Action item for Cloud to review with Andy and decide on some requirements that we were discussing in the working group.

EdgeX Helpdesk Open tickets

~~[#66759] EdgeX Request – Help needed to upload USB installer file to Nexus for CI integration~~

- Michael Hall

Close ticket – Per Steve O - Additional work needed before it can be published to Nexus

[#66850] TIG stack needed for EdgeX – request to land dedicated infrastructure

- James Gregg

Alignment 1/24/19 with discussion of the TIG Reference Architecture

[#66848] SonarQube for EdgeX Foundry builds – request to land dedicated infrastructure

- James Gregg

Pending discussion / presentation by Lisa

~~[#67566] Nexus Connectivity Issues reported when behind Corporate FW~~

James Gregg

EdgeX Helpdesk Resolved tickets

[#66759] EdgeX Request - Help needed to upload USB installer file to Nexus for CI integration

- Michael Hall

Close ticket – Per Steve O - Additional work needed before it can be published to Nexus

[#67566]

Per Eric Ball, this is a known issue and being worked on by LF team with plans to mirror Nexus images to Docker Hub. Should have an update in next few weeks when completed. Ticket can be closed as it's being tracked differently behind the scenes.

Action items

- Help Desk request for new holding repo for the TIG reference architecture shared by Cloud Tsai (IoTech)
- Action Item to review with Andy re: infrastructure requirements that would be needed for the dedicated TIG stack – Cloud Tsai / Andy Foster (IoTech)
- SonarQube (demo) and review in next meeting / Cost Analysis for both SonarQube / Codecov.io – Lisa R (Intel)
- Engagement with the EdgeX Helpdesk to understand the repositories that would be identified for any code that would need to be configured with the access if there was a decision to use Codecov.io. This is needed for the cost analysis comparison between the tools. – Lisa R (Intel)